

06-16-93

GP-2811

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.



# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

10

Application Number

09/775,477

Filing Date

2/02/01

First Named Inventor

Terzioglu

Group Art Unit

2811

Examiner Name

Not Assigned

Attorney Docket Number

13441US02

## ENCLOSURES (check all that apply)

☐ Fee Transmittal Form☐ Fee Attached☒ Amendment/Reply☐ After Final☐ Affidavits/declaration(s)☐ Extension of Time Request☐ Express Abandonment Request☒ Information Disclosure  
Statement☐ Certified Copy of Priority  
Document(s)☐ Response to Missing Parts/  
Incomplete Application☐ Response to Missing Parts  
under 37 CFR 1.52 or 1.53☐ Assignment Papers  
(for an Application)☐ Drawing(s)☐ Licensing-related Papers☐ Petition☐ Petition to Convert to a  
Provisional Application☐ Power of Attorney, Revocation  
Change of Correspondence  
Address☐ Terminal Disclaimer☐ Request for Refund☐ CD Number of CD(s) \_\_\_\_\_☐ After Allowance Communication  
to Group☐ Appeal Communication to Board  
of Appeals and Interferences☐ Appeal Communication to Group  
(Appeal Notice, Brief, Reply Brief)☐ Proprietary Information☐ Status Letter☐ Other Enclosure(s) (Please  
identify below):

Remarks

RECEIVED  
JUN 18 2003  
TECHNOLOGY CENTER 2800

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm  
or  
Individual Name

McAndrews Held &amp; Malloy, Ltd.

Signature

Date

June 13, 2003

## CERTIFICATE OF MAILING

"Express Mail" mailing label number EV 329 160 112 US

Date of Deposit: June 13, 2003

Name (Print/type)

Ronald E. Larson

Registration No. (Attorney/Agent)

24,478

Signature

Date

June 13, 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Case No. 13441US02

PATENT

5/12/03  
10/1/03

In the Application of:

Esin Terzioglu et al.

Serial No.: 09/775,477

Filed: February 2, 2001

For: MEMORY MODULE WITH  
HIERARCHICAL FUNCTIONALITY

Examiner: Not Assigned

Group Art Unit: 2811



CERTIFICATE OF MAILING

I hereby certify that this correspondence and all correspondence referenced herein are being deposited with the United States Postal Service as Express Mail in an envelope addressed to the Mail Stop Non-Fee Amendment Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on June 13, 2003 as Express Mail No. EV 329 160 112 US.

By: Ronald E. Larson  
Ronald E. Larson  
Reg. No. 24,478

SECOND PRELIMINARY AMENDMENT

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This Amendment is being filed before receipt of a first Office Action. Kindly amend the above-identified application as follows:

In The Claims:

Kindly cancel claims 2, 10-16 and 23.

Kindly amend claims 1, 4, 8, 9, 18, 20, 21, 35, 37, 43, 49, 52 and 58 as follows:

1. (Amended) A memory module comprising:
- a. a memory cell having a memory state;
  - b. a local sense amplifier coupled with the memory cell, the local sense amplifier sensing the memory state and producing a local memory state signal representative thereof;

RECEIVED  
JUN 18 2003  
TECHNOLOGY CENTER 2800

B1